

References

3.0 Cumulative Projects

- City of Whittier Community Development Department, Planning Services Division. 2010. Cumulative Projects Table.
- Los Angeles County Department of Regional Planning (LACDRP). 2011a. Hacienda Heights Community Plan Update Project. Available from: <http://www.planning.lacounty.gov/hacienda>. Accessed May 11 2011.
- ___ 2011b. <http://planning.lacounty.gov/>. Accessed on May 11, 2011.
- ___ 2011c. Cumulative Project Report.
- Los Angeles County (LAC) Supervisor Don Knabe. 2011. Community – Hacienda Heights. Available from: <http://knabe.com/communities/hacienda-heights/>. Accessed May 11, 2011.
- Los Angeles County (LAC) Supervisor Don Knabe. 2011. Community – Rowland Heights. Available from: <http://knabe.com/communities/rowland-heights/> Accessed May 11, 2011.
- Los Angeles County (LAC) Supervisor Don Knabe. 2011. Community – South Whittier. Available from: <http://knabe.com/communities/south-whittier/>. Accessed May 11, 2011.
- Los Angeles County Board of Supervisors (LACBOS). 2009. Statement of Proceedings for December 15, 2009. Available from: http://file.lacounty.gov/bos/sop/cms1_140802.pdf. Accessed April 1, 2010.
- Los Angeles County Board of Supervisors (LACBOS). 2010. Statement of Proceedings for January 12, 2010. Available from: http://file.lacounty.gov/bos/sop/cms1_141587.pdf. Accessed April 1, 2010.
- Los Angeles County Sanitation District (LACSD). 2011. Puente Hills Intermodal Facility. Available from: http://www.lacsd.org/info/waste_by_rail/phimf/default.asp and <http://www.phimf.org/phimf/project.asp>. Accessed May 11, 2011.
- Los Angeles County Sanitation District (LACSD). 2010. Listing of Advertised Projects. Available from: http://www.lacsd.org/info/bid_information/construction_projects/current_construction_bids.asp. Accessed April 1, 2010.
- City of La Habra Planning Department. 2011. Description of Related Projects Table.
- San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (Conservancy). May 31, 2007. Rivers and Mountains Conservancy's (RMC) Active (Incomplete) Projects. Available from: http://www.rmc.ca.gov/projects/active_projects/Active%20Projects.pdf. Accessed April 1, 2010.

San Gabriel and Lower Los Angeles River and Mountains Conservancy (Conservancy). March 28, 2011. Rivers and Mountains Conservancy's (RMC) Cumulative Grant Project Status Summary. Memo by Belinda V. Faustinos, Executive Director, to RMC Governing Board.

Southern California Edison (SCE). (2011). Transmission Projects – Current Projects. Available from: <http://www.sce.com/PowerandEnvironment/Transmission/CurrentProjects/TRTP4-11/>. Accessed April 1, 2010.

California Public Utilities Commission (CPUC). 2009. Decision Granting a Certification of Public Convenience and Necessity for the Tehachapi Renewable Transmission Project (Segments 4-11). Prepared by CPUC; December 2009. Decision 09-12-044.

U.S. Forest Service (USFS). 2010. Record of Decision. Special Use Authorization to Southern California Edison Company for the Tehachapi Renewable Transmission Project. Available from: <http://www.sce.com/PowerandEnvironment/Transmission/CurrentProjects/TRTP4-11/approval.htm> Accessed May 11, 2011.

4.1 Air Quality

*AEP. 2007. Recommendations by the Association of Environmental Professionals (AEP) on How to Analyze Greenhouse Gas Emissions and Global Climate Change in CEQA Documents. Comment Draft. White Paper. March.

AG, 2008, California Attorney General, "The California Environmental Quality Act: Addressing Global Warming Impacts at the Local Agency Level", 5/21/2008
http://ag.ca.gov/globalwarming/pdf/GW_mitigation_measures.pdf

*American Petroleum Institute (API), Compendium Of Greenhouse Gas Emissions Methodologies For The Oil And Gas Industry, Feb, 2004

California Air Resources Board (CARB). 2003. Air Quality Standards. Available on the Internet: <http://www.arb.ca.gov/aqs/aqs.htm>.

_____. 2005a. Air Quality Area Designations and Attainment Status. Available on the Internet: <http://www.arb.ca.gov/desig/desig.htm>.

_____. 2005b. Hot Spots Analysis and Reporting Program (HARP). Available on the Internet: <http://www.arb.ca.gov/toxics/harp/harp.htm>.

_____. 2006. CATEF database of HAPs. Available on the Internet: <http://www.arb.ca.gov/ei/catef/catef.htm>.

*_____, 2006b. Public Workshop to Discuss Establishing the 1990 Emissions Level and the California 2020 Limit and Developing Regulations to Require Reporting of Greenhouse Gas Emissions, Sacramento, CA, December 1, 2006.

*_____, 2007b Climate Change: Information Regarding ARB's Climate Change Program Pursuant to 2006 Assembly Bill 32, (web page), last updated July 17, 2007, www.arb.ca.gov/cc/cc.htm, accessed July 24, 2007.

____, 2007c, CARB Compendium Of Emission Factors And Methods To Support Mandatory Reporting Of Greenhouse Gas Emissions, Subchapter 10, Article 2, sections 95100 to 95133, title 17, California Code of Regulations

* ____ , 2008a, Preliminary Draft Staff Proposal, Recommended Approaches for Setting Interim Significance Thresholds for Greenhouse Gases under the California Environmental Quality Act, October 24, 2008

* ____ , 2008b, Climate Change Proposed Scoping Plan, October, 2008

California Climate Action Registry, General Reporting Protocol. Reporting Entity-Wide Greenhouse Gas Emissions. Version 2.2, March 2007.

*CalEPA 2006, California Environmental Protection Agency (CalEPA), Climate Action Team, Executive Summary. Climate Action Team Report to Governor Schwarzenegger and the California Legislature. Sacramento, CA, March 2006.

California Energy Commission (CEC). 2006. Inventory of California Greenhouse gas Emissions and Sinks: 1990 to 2004. Staff Final Report. December. Available on the Internet: <http://www.energy.ca.gov/2006publications/CEC-600-2006-013/CEC-600-2006-013-SF.PDF>.

____., 2003, "California's Petroleum Market Overview", 2003, 2004-06-28_metz.pdf

____. 2003b "Transportation Fuels, Technologies, And Infrastructure Assessment Report", 100-03-013F, 12/2003

____. 2005, "An Assessment Of California's Petroleum Infrastructure Needs", April 2005, CEC-600-2005-009.

____ 2005: California Energy Commission. California's Energy-Water Relationship. Final Staff Report. November 2005. CEC-700-2005-011-SF

____. 2006, "California Crude Oil Production and Imports", April 2006, CEC-600-2006-006

____., 2007, "California's Petroleum Infrastructure Overview and Import Projections", 2007, CEC-600-2007-001.pdf

CAPCOA, "CEQA and Climate Change", January, 2008

*Canadian Nuclear Society, 19th Annual Conference, October 1998

CCAR 2009, California Climate Action Registry General Reporting Protocol Version 3.1, January

Department of Energy (DOE), EIA. 2008.
<http://tonto.eia.doe.gov/dnav/pet/hist/mcrfpus1m.htm>.

DRI, 1996, Effectiveness Demonstration of Fugitive Dust Control Methods for Public Unpaved Roads, December 31, prepared for the CARB

Environmental Protection Agency (EPA), Compilation of Air Pollutant Emission Factors, Fifth Edition (AP-42), <http://www.epa.gov/ttn/chief/ap42/>

- ____ 2000. Greenhouse Gases and Global Warming. Available on the Internet:
<http://yosemite.epa.gov/OAR/globalwarming.nsf/content/Climate.html>.
- ____ 2004: Direct Emissions from Stationary Combustion Sources, Climate Leaders Greenhouse Inventory Protocol, Core Model Guidance, October 2004.
- ____ 2004. Update of Methane and Nitrous Oxide Emission Factors for On-Highway Vehicles. Prepared by ICF Consulting. EPA420-P-04-016. November 2004.
- *____, 2007, Inventory of US Greenhouse Gas Emissions and Sinks: 1990-2005 (April 2007) USEPA #430-R-07-002
- *____, 2007a, “The Emissions & Generation Resource Integrated Database For 2006 (eGrid2006) Technical Support Document” <http://www.epa.gov/cleanenergy/egrid>
- Energy Information Administration, 2008, website imports/exports data,
<http://tonto.eia.doe.gov/dnav/pet/hist/mcrexp51M.htm>
- IPCC 2004. Intergovernmental Panel on Climate Change. 2004. “16 Years of Scientific Assessment in Support of the Climate Convention”. December 2004.
- *IPCC 2007. Intergovernmental Panel on Climate Change. 2007. “Fourth Assessment Report”. 2007.
- *IPCC 2007a. Intergovernmental Panel on Climate Change Climate change 2007: The physical science basis, summary for policy makers. (Working Group 1 Fourth Assessment Report). February. Available: <<http://www.ipcc.ch/SPM2feb07.pdf>>.
- ITS 1997, Institute of Traffic Studies, “Transportation Project-Level Carbon Monoxide Protocol”, December, 1997.
- Johnson Matthey. 2006. NSCR three way catalyst (NSCR) company technical information. Available on the Internet: <http://ect.jmcatlysts.com>.
- *Kiparsky, M. and P.H. Gleick. Climate Change and California Water Resources: A Survey and Summary of the Literature. Oakland, CA: Pacific Institute for Studies in Development, July 2003.
- NOAA, meteorological data 2001-2006, Los Angeles, CA (Los Angeles International Airport Station)
- *South Coast Air Quality Management District, 1993. CEQA Handbook 1993 (with modifications and EF updates on the SCAQMD website, www.aqmd.com/ceqa.)
- *____ 2003, Health Risk Assessment Guidelines for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis, August 2003
- ____ 2004, Draft Protocol for the Development of the Toxics Emissions Inventory, 2004
- *____ 2006, Final –Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, October 2006
- *____ 2006a. Air Quality Standards Compliance Report, Nov/Dev 2006, Vol 19 No. 6

___ 2007, CEIDARS Table with PM2.5 Fractions, 2007

___ 2007a, Localized Significance Threshold Look-up Tables, 2007

___ 2007b, Final Air Quality Management Plan, June 2007.

*___ Final 2008, MATES III Final Report, <http://www.aqmd.gov/prdas/matesIII/matesIII.html>

SCAQMD. Air Quality Data Annual Summaries 2004-2008, station 085. Data only available through 2008.

University of California, 2007, A Low-Carbon Fuel Standard for California. May 29, 2007

URBEMIS, version 9.2.4, www.urbemis.com

US Climate Change Technology Program (CCTP), About the US Climate Change Technology Program (web page), Washington, D.C., last updated April 2006, <http://www.climatetechnology.gov/about/index.htm>, accessed July 24, 2007.

US Supreme Court No. 05-1120; 127 S.Ct. 1438 (2007).

4.2 Biological Resources

American Ornithologists' Union. 1998. Check-list of North American Birds. Seventh edition. Washington, D.C.

Aspen Environmental Group. 2010. Tehachapi Renewable Transmission Project (TRTP) Supplemental Draft Environmental Impact Statement (SDEIS). Report dated April 2010 prepared for U.S. Department of Agriculture and U.S. Forest Service.

Banks, A. J., and T. E. Martin. 2001. Host activity and the risk of nest parasitism by Brown-headed Cowbirds. *Behavioral Ecology* 12:31–40.

Bissonette, J. A., and Hammer, M. 2000. Effectiveness of Earthen Ramps in Reducing Big Game Highway Mortality in Utah: Final Report. Utah Cooperative Fish and Wildlife Research Unit Report Series 2000(1):1–29.

Bladh, A. E. 2004. Wildlife Associations with Guzzlers Provided in a Habitat Area Near an Urban Environment. Report prepared for Puente Hills Landfill Native Habitat Preservation Authority.

Cain, A. T., Tuovila, V. R., Hewitt, D. G., and Tewes, M. E. 2003. Effects of a Highway and Mitigation Projects on Bobcats in Southern Texas. *Biological Conservation* 114:189–197.

California Department of Fish and Game, Natural Diversity Database. 2008. Complete List of Amphibian, Reptile, Bird and Mammal Species in California. List dated September 2008.

California Department of Fish and Game, Natural Diversity Database. 2009a. Special Animals. List dated July 2009.

California Department of Fish and Game, Natural Diversity Data Base. 2009b. Data base report for Whittier and eight surrounding USGS quadrangles. Report dated December 30, 2009.

- California Department of Fish and Game, Natural Diversity Database. 2010. Special Vascular Plants, Bryophytes, and Lichens List. List dated April 2010.
- California Native Plant Society. 2010. Online Inventory of Rare and Endangered Plants v7-10a 1-19-10. <http://cnps.site.aplus.net/cgi-bin/inv/inventory.cgi>. Search on January 19, 2010, for plants known from Whittier and eight surrounding USGS quadrangles.
- Clevenger, A. P., Chruszcz, B. and Gunson, K. E. 2001. Highway Mitigation Fencing Reduces Wildlife Vehicle Collisions. *Wildlife Society Bulletin* 29:646–653.
- Clevenger, A. P., Chruszcz, B., Gunson, K., and Brumfit, M. 2002. Highway Mitigation Monitoring: Three Sisters Parkway Interchange. Final Report, August 1999–July 2002. Prepared for Alberta Sustainable Resource Development: Canmore, Alberta, Canada.
- Consortium of California Herbaria. 2010. Search on January 19, 2010, for plants collected in the Whittier area. <http://ucjeps.berkeley.edu/consortium>.
- Conservation Biology Institute. 2005. Maintaining Ecological Connectivity Across the “Missing Middle” of the Puente-Chino Hills Wildlife Corridor. Encinitas, California.
- Cooper, D. S. 2000. Breeding Landbirds of a Highly Threatened Open Space: The Chino-Puente Hills, California. *Western Birds* 31:213–234.
- Cooper, D. S. 2009. Coastal Cactus Wren Summary, Western Puente Hills, 2009. Report dated September 8, 2009, prepared by Cooper Ecological Monitoring, Inc., for Puente Hills Landfill Native Habitat Preservation Authority.
- Dodd, N. L., Gagnon, J. W., Boe, S., and Schweinsburg, R. E. 2007. Role of Fencing in Promoting Wildlife Underpass Use and Highway Permeability. Pp. 475–487 in: *Proceedings of the 2007 International Conference on Ecology and Transportation* (C.L. Irwin, D. Nelson, and K.P. McDermott, eds.). Center for Transportation and the Environment, North Carolina State University, Raleigh, NC.
- Elliott, D., and Stapp, R. 2008. Effects of a Purpose-built Underpass on Wildlife Activity and Traffic-related Mortality in Southern California: The Harbor Boulevard Wildlife Underpass. Report dated February 26, 2008, prepared for Puente Hills Landfill Native Habitat Preservation Authority.
- Feldhamer, G. A., Gates, J. E., Harman, D. M., Loranger, A. J, and Dixon, K. R. 1986. Effects of Interstate Highway Fencing on White-tailed Deer Activity. *Journal of Wildlife Management* 50:497–503.
- Glenn Lukos Associates. 2010. Results of Protocol Coastal California Gnatcatcher and Least Bell’s Vireo Surveys for an Approximately 270-Acre Property Owned by the City of Whittier and Managed by the Puente Hills Landfill Native Habitat Preservation Authority, City of Whittier, Los Angeles County, California. Report dated July 26, 2010 to Sandra Marquez, US Fish and Wildlife Service, and Lyann Comrack, California Department of Fish and Game.
- Glista, D. J., DeVault, T. L., and Woody, J. A. 2009. A Review of Mitigation Measures for Reducing Wildlife Mortality on Roadways. *Landscape and Urban Planning* 91:1–7.

- Haas, C. D. 2000. Distribution, Relative Abundance, and Roadway Underpass Responses of Carnivores Throughout the Puente-Chino Hills. M.S. Thesis, California State University, Pomona.
- Haas, C. , and Crooks, K. 1999. Carnivore Abundance and Distribution Throughout the Puente-Chino Hills, Final Report–1999. Report prepared for The Mountains Recreation and Conservation Authority and State of California Department of Transportation.
- Haas, C., and Turschak, G. 2002. Responses of Large and Medium-bodied Mammals to Recreation Activities: The Colima Road Underpass. Final report prepared by US Geological Survey for Puente Hills Landfill Native Habitat Preservation Authority.
- Haas, C. D., Backlin, A. R., Rochester, C., and Fisher, R. N. 2006. Monitoring Reptiles and Amphibians at Long-Term Biodiversity Monitoring Stations: The Puente-Chino Hills. Final report prepared by US Geological Survey for Mountains Recreation and Conservation Authority, Puente Hills Landfill Native Habitat Preservation Authority, and California State Parks.
- Hedlund, J. H., Curtis, P. D., Curtis, G., and Williams, A. F. 2004. Methods to Reduce Traffic Crashes Involving Deer: What Works and What Does Not. *Traffic Injury Prevention* 5:122–131.
- Hickman, J. C. 1993. *The Jepson Manual: Higher Plants of California*. University of California Press. Berkeley and Los Angeles, CA.
- Huijser, M. P., McGowen, P., Fuller, J., Hardy, A., Kociolek, A., Clevenger, A. P., Smith, D., and Ament, R. 2008. Wildlife-Vehicle Collision Reduction Study: Report to Congress. Technical Report FHWA-HRT-08-034, Federal Highway Administration, McLean, VA.
- Jaeger, J. A. G. and Fahrig, L. 2004. Effects of Road Fencing on Population Persistence. *Conservation Biology* 18:1651–1657.
- LSA Associates, Inc. 2005. Rodent Survey of the Puente Hills Landfill Native Habitat Preservation Authority Lands. Report dated December 2005, prepared for Puente Hills Landfill Native Habitat Preservation Authority.
- LSA Associates, Inc. 2007. RMP, Puente Hills Landfill Native Habitat Preservation Authority. Report dated July 26, 2007, prepared for Puente Hills Landfill Native Habitat Preservation Authority.
- LSA Associates, Inc. 2008. Least Bell's Vireo and Coastal California Gnatcatcher Survey Results, Puente Hills Landfill Native Habitat Preservation Authority Lands, City of Whittier, Los Angeles County, California (LSA Project No. PUE0801). Letter report dated August 27, 2008, to Sandra Marquez, US Fish and Wildlife Service.
- LSA Associates, Inc. 2009a. Focused Survey Results, Special status Plant Species, City of Whittier Oil Exploration (LSA Project No. PUE0901). Letter report dated August 4, 2009, to Andrea Gullo, Puente Hills Landfill Native Habitat Preservation Authority.
- LSA Associates, Inc. 2009b. Least Bell's Vireo and Coastal California Gnatcatcher Survey Results, Puente Hills Landfill Native Habitat Preservation Authority Managed Lands, City of Whittier, Los Angeles County, California (LSA Project No. PUE0901). Letter report dated

August 4, 2009, to Sandra Marquez, US Fish and Wildlife Service, and Lyann Comrack, California Department of Fish and Game.

- LSA Associates, Inc. 2009c. Summary of Focused Plant, Incidental and Protocol Survey Results (2008 and 2009), Puente Hills Landfill Native Habitat Preservation Authority Managed Lands, City of Whittier Oil Exploration (LSA Project No. PUE0901). Letter report dated August 4, 2009, to Andrea Gullo, Puente Hills Landfill Native Habitat Preservation Authority.
- LSA Associates, Inc. 2010. Focused Survey Results for Sensitive Plant Species, City of Whittier Oil Exploration (LSA Project No. PUE0901). Letter report dated July 12, 2010, to Andrea Gullo, Puente Hills Landfill Native Habitat Preservation Authority.
- Lucas, Shannon, Habitat Authority [personal conversation]. February 10, 2011. With Ted Mullen, Marine Research Specialists. Evaluation of impacts from human access through the wildlife tunnel.
- Lyren, L. M. 2001. Movement Patterns of Coyotes and Bobcats Relative to Roads and Underpasses in the Chino Hills Area of southern California. M.S. Thesis, California State University, Pomona.
- Olsson, M. P. O. and Widen, P. 2008. Effects of Highway Fencing and Wildlife Crossings on Moose *Alces alces* Movements and Space Use in Southwestern Sweden. *Wildlife Biology* 14:111–117.
- Rapport, D. J., Regier, H. A., and Hutchinson, T. C. 1985. Ecosystem Behavior Under Stress. *The American Naturalist* 125:617–640.
- Rapport, D. J., and Whitford, W. G. 1999. How Ecosystems Respond to Stress, Common Properties of Arid and Aquatic Systems. *BioScience* 49:193–203.
- Remington, S. 2006. Bat Surveys of the Puente Hills (Whittier Hills, Hacienda Heights, La Habra Heights, and Rowland Heights), Los Angeles County, California, June 2005 – May 2006. Final report dated July 14, 2006, prepared for Puente Hills Landfill Native Habitat Preservation Authority.
- Roberts, F. M. Jr. 1998. A Checklist of the Vascular Plants of Orange County, California. Second edition. F. M. Roberts Publications, Encinitas, CA.
- Riley, S. P. D., Sauvajot, R. M., Fuller, T. K., York, E. C., Kamradt, D. A., Bromley C., and Wayne, R. K. 2003. Effects of Urbanization and Habitat Fragmentation on Bobcats and Coyotes in Southern California. *Conservation Biology* 17:566–576.
- Scott, T. A, and Cooper, D. S. 1999. Summary of Avian Resources of the Puente-Chino Hills Corridor. Los Angeles, Orange, San Bernardino, and Riverside Counties, California. Report dated January 1999 prepared by the Department of Earth Sciences, University of California, Riverside.
- Shuford, W. D., and Gardali, T. 2008. California Bird Species of Special Concern: A Ranked Assessment of Species, Subspecies, and Distinct Populations of Birds of Immediate

Conservation Concern in California. California Department of Fish and Game, Sacramento, CA.

Stapp, R., and Cashin, S. 2009. Final Report: Continued Monitoring of Harbor Boulevard Wildlife Underpass. Report dated December 10, 2009, prepared for Puente Hills Landfill Native Habitat Preservation Authority.

Swift, C., Collins, A., Gutierrez, H., Lam, H., and Ratincr, I. 1993. Habitat Linkages in an Urban Mountain Chain. Pp. 189–199 in J.E. Keeley, editor. Interface Between Ecology and Land Development in California. Southern California Academy of Sciences, Los Angeles.

Tigas, L. A., Van Vuren, D. H., and Sauvajot, R. M. 2002. Behavioral Responses of Bobcats to Habitat Fragmentation and Corridors in an Urban Environment. *Biological Conservation* 108:299–306.

Ward, A. L. 1982. Mule Deer Behavior in Relation to Fencing and Underpasses on Interstate 80 in Wyoming. *Transportation Research Record* 859:8–13.

4.3 Risk of Upset, Hazards, and Hazardous Materials

American Industrial Hygiene Association. 2005. Emergency Response Planning Guidelines

California State Fire Marshal (CSFM). 1993. Hazardous Liquid Pipeline Risk Assessment Report.

Canvey. 1981a. An Investigation of Potential Hazards from Operations in the Canvey Island/Thurrock Area. Health and Safety Executive, HMSO, London. 1978. Contains appendices covering fire statistics for refineries and pressure vessel failures.

Canvey. 1981b. A Second Report. Health and Safety Executive, London, HMSO. Provides information on various failure rates as well as discussions about ignition probabilities.

Center for Chemical Process Safety (CCPS). 1989a. Guidelines for Chemical Process Quantitative Risk Analysis. New York NY: American Institute of Chemical Engineers Center for Chemical Process Safety; 1989.

Center for Chemical Process Safety (CCPS). 1989b. Guidelines for Process Equipment Reliability Data with Data Tables. New York NY: American Institute of Chemical Engineers Center for Chemical Process Safety; 1989. Provides data on process systems and equipment.

Center for Chemical Process Safety (CCPS). 1994. Guidelines for Evaluating the Characteristics of Vapor Cloud Explosions, Flash Fires and BLEVES.

Center for Chemical Process Safety (CCPS). 1996. Evaluating Process Plant buildings for External Explosions and Fires. Prepared by The Center for Chemical Process Safety of the American Institute of Chemical Engineers. 1996. Provides data on process systems and equipment.

Chemical Safety Board 1998. Iowa Propane tank BLEVE final report.

- Chan ST, Ermak DL. 1983 . Recent Developments on the FEM3 and SLAB Atmospheric Dispersion Models.
- Department of Toxic Substances Control (DTSC). 2006. Final Environmental Impact Report for Industrial Services Oil Company, Inc. Hazardous Waste Facility Application. Placentia CA: Prepared by Environmental Audit, Inc.; December 2006.
- Federal Emergency Management Agency (FEMA). 1989. Handbook of Chemical Hazards Analysis Procedures.
- Geopak. 2010. Aerial 1972 Photo. Available from www.historiclaerials.com. Accessed April 2010.
- HLID, Hydrocarbon Leak and Ignition Database, Report N0. 11.4/180, May 1992, E&P Forum
- Koopman. 1983. Analysis of Burros Series 40m3 LNG Spill Experiments.
- Lees FP. Loss Prevention In The Process Industries. Volumes 1 - 3. Butterworths, London. 1996.
- Morgan 1983 "SLAB: A time dependant Computer Model for the Dispersion of Heavy gas Releases into the Atmosphere"
- Perry, R. H. and C. H. Chilton. Chemical Engineers' Handbook. Fifth Edition, McGraw-Hill Book Co., New York, 1973.
- Reliability and Maintainability in Perspective, (R&MIP) 3rd Edition, D.J. Smith, 1988 ISBN 0-333-46205-X
- Rijnmond, 1982, "Risk Analysis Of Six Potentially Hazardous Industrial Objects In The Rijnmond Area, A Pilot Study." A report to the Rijnmond Public Authority, presented by COVO Steering Committee, 1982. D. Reidel Publishing Co., Dordrecht, Holland. A compilation of data on all types of equipment failure is provided.
- South Coast Air Quality Management District (SCAQMD). 2006a. Chevron Products Company – El Segundo Refinery Heavy Crude Project Final Environmental Impact Report. Camarillo CA: Prepared by ENSR; August 2006. SCH No. 2005091152.
- South Coast Air Quality Management District (SCAQMD). 2006b. BP Carson Refinery Safety, Compliance and Optimization Project Final Environmental Impact Report. Placentia CA: Prepared by Environmental Audit, Inc.; September 2006. SCH No. 2005111057.
- South Coast Association of Governments (SCAG) 2009, Regional Transportation Plan EIR <http://www.sbcag.org/publications.html>
- SuperChems™ Reference And User's Manual. Arthur D. Little, Inc., Cambridge, MA, 1991.
- Thomas, H.M. (1981) : "Pipe and Vessel Failure Probability", Reliability Engineering, 2, pp. 83-124
- UK Health and Safety Executive, "Development of a Method for the Determination of On-site Ignition Probabilities", Research Report 226, Daycock and Rew, WS Atkins Consultants, Ltd., 2004

United States Department of Labor, OSHA, Inspection Report for Honolulu Terrace 2005 Fire, http://www.osha.gov/pls/imis/establishment.inspection_detail?id=305355869

U.S. Department of Transportation, 1999, Remotely Controlled Valves on Interstate Natural Gas Pipelines, September 1999,

WASH-1400 (NUREG-75/014), United States Nuclear Regulatory Commission, October 1975. Referred to as WASH-1400. Provides data on human errors as well as equipment failures, and is one of the most extensive sources of failure-on-demand estimates.

4.4 Geological Resources

American Public Works Association, 2009, Standard Plans for Public Works Construction (Greenbook).

Barrows, A.G. 1974. A Review of the Geology and Earthquake History of the Newport-Inglewood Structural Zone, Southern California. California Division of Mines and Geology Special Report 114.

Bartlett, S.F. and Youd, T.L., 1995, "Empirical Prediction of Liquefaction-Induced Lateral Spread"; Journal of Geotechnical Engineering, Vol. 121, April, 1995.

Boore, D.M., Joyner, W.B., and Fumal, T.E., 1993, "Estimations of Response and Peak Accelerations from Western North American Earthquakes"; An Interim Report, U.S.G.S. Open-File Report, 93-509.

Boulanger, R.W. & Idriss, I.M. 2006. Liquefaction susceptibility criteria for silts and clays. Journal of Geotechnical and Geoenvironmental Engineering 132(11):1413-1426.

Bozorgni, Y., Niazi, M., and Campell, K.W., 1995, "Characteristics of Free-Field Vertical Ground Motion During the Northridge Earthquake", Earthquake Spectra, Vol. 11, No. 4, pp 515-525.

Bozorgni, Y., Niazi, M., and Campell, K.W., 1999, "Vertical Ground Motion: Characteristics, Relationships with Horizontal Component, and Building- Code Implications", in Proceeding of the SMIP99 Seminar on Utilization of Strong Motion Data, September 15, 1999, Oakland, California, California Strong Motion Instrumentation Program, Sacramento, California, pp. 23-49.

Bray, J.D. & Sancio, R.B. 2006. Assessment of the liquefaction susceptibility of fine-grained soils. Journal of Geotechnical and Geoenvironmental Engineering 132(9):1165-1177.

California Building Code, 2010. <http://publicecodes.citation.com/st/ca/st/index.htm>.

California Department of Conservation, Division of Mines and Geology. 1999. Seismic Hazards Zonation Program, Whittier and La Habra, 7.5 Minute Quadrangles. <http://www.conservation.ca.gov/cgs/shzp/Pages/Index.aspx>.

_____.1998, Seismic Hazard Zone Report for the Whittier 7.5 Minute Quadrangle, Los Angeles and Orange Counties, California.

- _____. 1997. Guidelines for Evaluating and Mitigating Seismic Hazards in California, Special Publication 117.
- _____. 1994. Fault Rupture Hazard Zones in California, Special Publication 42.
- _____. 1988. Planning Scenario for a Major Earthquake on the Newport-Inglewood Fault Zone. Special Publication 99.
- _____. 1973. Urban Geology, Master Plan for California. Bulletin 198.
- California Geological Survey. 2011. Seismic Shaking Hazard Assessment. <http://redirect.conservation.ca.gov/cgs/rghm/pshamap/psha11834.html>.
- _____. 2010. Alquist-Priolo Earthquake Fault Zone Maps. <http://gmw.consrv.ca.gov/shmp/download/ap/pdf/LAHABRA.PDF>.
- California Geological Survey. 2010a. Geologic Map of California.
- California Geological Survey. 2010b. Fault Activity Map of California.
- Campbell, K.W., 1993, "Empirical Prediction of Near Source Ground Motion from Large Earthquakes"; Proceedings, International Workshop on Earthquake Hazard and Large Dams in the Himalaya, sponsored by the Indian National Trust for Art and Cultural Heritage (INTACH), New Delhi, India.
- Chilingar, G.V. and Endres, B. 2005. Environmental Hazards Posed by the Los Angeles Basin Urban Oilfields: an Historical Perspective of Lessons Learned. *Environmental Geology*, vol. 47, pg. 302-317.
- County of Los Angeles, Department of Public Works, 2010, Manual for the Preparation of Geotechnical Reports.
- Davis, T.L., and Namson, J.S., 1994, "A balanced cross-section of the 1994 Northridge earthquake, southern California"; *Nature*, v. 372, p. 167-169.
- ,
- "Evaluation and Mitigation of Seismic Hazards"; Department of Conservation Division of Mines and Geology, January 22-24, 1998;
- "Guidelines for Evaluating and Mitigating Seismic Hazards in California"; 1997, Department of Conservation, Division of Mines and Geology Special Publication 117.
- Hamilton, D. and Meehan, R.L. 1971. Ground Rupture in the Baldwin Hills. In *Science*, vol. 172, pp. 333-344.
- Hauksson, E., Jones, L.M., Hutton, K., 1995, "The 1994 Northridge earthquake sequence in California"; Seismological and tectonic aspects: *Journal of Geophysical Research*, v. 100, no. B7, p. 12,335-12,355.
- Heathcote Geotechnical, Inc. 2011. *Soil Engineering and Engineering Geology Investigation for Whittier Main Oilfield Development Project, Consolidated Central Site, Located at Open Space Area, Whittier, CA*, prepared for Matrix Oil Corporation, January 13.

- Idriss, I.M., 1993, "Procedures for Selecting Earthquake Ground Motions at Rock Sites"; National Institute of Standards and Technology, NIST GCR 93-625.
- Ishihara, K. (1993). "Liquefaction and flow failures during earthquakes," *Geotechnique*, Vol. 43, No. 3, pp. 351-415.
- Ishihara, K. 1996. *Soil behavior in earthquake geotechnics*. Clarendon Press, Oxford, UK, 350p.
- Ishihara, K., & Harada, K. 2008. Effects of lateral stress on relations between penetration resistances and cyclic strength to liquefaction. The 3rd International Conference on Site Characterization, Taipei:1043-1050.
- Idriss, I.M. & Bulanger, R.W. 2006. Semi-empirical procedures for evaluating liquefaction potential during earthquakes. *Soil Dynamics and Earthquake Engineering* 26:115-130.
- Kovach, R.L. 1974. Source Mechanisms for Wilmington Oil Field, California, Subsidence Earthquakes. *Bulletin of the Seismological Society of America*, vol. 64, no. 3, pp. 699-711, June.
- Martin, G.R. and Lew, M., eds., 1999, "Recommended Procedures for Implementation of DMG Special Publication 117, Guidelines for Analyzing and Mitigating Liquefaction Hazards in California"; Southern California Earthquake Center, University of Southern California, March, 1999.
- Mesri, G., and Shahien, M., 2003, "Residual Shear Strength Mobilized in First-Time Slope Failures"; *Journal of Geotechnical and Geoenvironmental Engineering*; Vol. 129, No. 1.
- National Center for Earthquake Engineering Research (NCEER). 1997. Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils, T.L. Youd & I.M. Idriss, Editors, Technical Report NCEER-97-022.
- Sadigh, K., C.Y. Chang, N.A. Abrahamson, S.J. Chiou and M.S. Power, 1993, "Specifications of Long Period Ground Motions, Updated Attenuation Relationships for Rock Conditions and Adjustment Factors for Near-Fault Effects"; Proceedings of Seminar on Seismic Isolation, Passive Energy, Dissipation, and Active Control, Vol. 1, Applied Technology Council ATC-M-1.
- Seed, H.B., and Idriss, I.M., 1983, "Ground Motion and Soil Liquefaction during Earthquakes"; *Earthquake Engineering Res. Inst. Monograph*, Earthquake Engineering Research Institute, El Cerrito, California.
- Seed, R.B., Cetin, K.O., Moss, R.E.S., Kammerer, A., Wu, J., Pestana, J. et al. 2001. Recent advances in soil liquefaction engineering and seismic site response evaluation. Proc. 4th International Conference and Symposium on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, University of Missouri, Rolla, Paper SPL-2.
- Shaw, J.H. and Shearer, P.M. 1999. An Elusive Blind-Thrust Fault Beneath Metropolitan Los Angeles. In *Science*, vol. 283, no. 5407, pp. 1516-15-18. <http://www.sciencemag.org/cgi/content/abstract/283/5407/1516>.
- Southern California Earthquake Data Center. 2011. Whittier Fault. http://www.data.scec.org/fault_index/whitfaul.html.

- _____. 2007. Northridge Earthquake. http://www.data.scec.org/chrono_index/northreq.html. Stark, Timothy, 2003, "Analysis of Landslides: Shear Strengths, Testing, and Stability Methods"; Short Course, March 2003, Los Angeles, California.
- Stark, Timothy, Eid, Hisham T., 1997, "Slope Stability Analysis in Stiff Fissured Clays"; Journal of Geotechnical and Geoenvironmental Engineering; Vol. 123, No. 4, April 1997.
- Stark, Timothy, Eid, Hisham T., 1994, "Drained Residual Strength of Cohesive Soils"; Journal of Geotechnical and Geoenvironmental Engineering; Vol. 120, No. 5.
- State of California, Department of Transportation, 2009, California Storm Water Best Management Practice Handbooks (Construction Activity)"
- State of California, Department of Transportation, 2009, "Caltrans Storm Water Quality Handbooks, Construction Contractor's Guide and Specifications"
- Youd, T.L. and Idriss, I.M., eds., 1997, "NCEER workshop on evaluation of liquefaction resistance of soils", Tech. Rep. NCEER-97-0022, National Center for Earthquake Engineering Research, Buffalo.
- Youd, T.L., Hansen, C.M., and Barrlett, S.F., 1998, "Revised MLR Equations for Predicting Lateral Displacement"; Proc. Of the 7th U.S.-Japan Workshop on Earthquake Resistant Design of Lifeline Facilities and Countermeasures Against Soil Liquefaction, August 15-17, 1998, Seattle, Washington, Multidisciplinary Center for Earthquake Engineering Research Technical Report.
- Working Group on California Earthquake Probabilities, 1988, "Probabilities of Large Earthquakes Occurring in California on the San Andreas Fault System": U.S. Geological Survey Open-File Report 88-398, 62 p.
- Ziony, J.I. and L.M. Jones, 1989, "Map showing late Quaternary faults and 1978-84 Seismicity of the Los Angeles Region, California"; U.S. Geological Survey Miscellaneous Field Studies Map MF-1964, scale 1:250,000.

4.5 Noise and Vibration

- American National Standards Institute (ANSI). 1983a. Guide to the Evaluation of Human Exposure to Vibration in Buildings. ANSI S3.29-1983.
- American National Standards Institute (ANSI). 1983b. Specification for Sound Level Meters. ANSI S1.4-1983 (R2006).
- American National Standards Institute (ANSI). 1998. Methods for Determining the Insertion Loss of Outdoor Noise Barriers. ANSI/ASA S12.8-1998 (R2008).
- Arup Acoustics. 2004. Plains Exploration and Production Company, Inglewood Oil Field. Noise Impact Study, November.
- Arup, 2006, Matrix Oil Corporation, Matrix Oil Study, Environmental Noise Assessment, June, Aac/130805/R02

- Bureau of Land Management. 2001. Draft RMPA/EIS for Federal Fluid Minerals Leasing and Development in Sierra and Otero Counties. Available on the Internet: http://www.nm.blm.gov/lcfo/white_sands_rmpa_eis/docs/draft_docs/ws_rmpa_eis_all_notm_aps.pdf.
- CalTrans 2004, Transportation- and Construction-Induced Vibration Guidance Manual, June, 2004
- City of Whittier Municipal Code, online at <http://library2.municode.com>
- City of Whittier agreement with Matrix Oil, May 9, 2006,
- City of Whittier Ordinance 2047
- City of Whittier Resolution 4302, 25 November, 1970
- City of Whittier 1993, General Plan, Noise Element Exhibit 8-1
- County of Los Angeles. 1978. Los Angeles County Code, Chapter 12.08, Noise Control.
- EPA 1971 Noise from Construction Equipment and Operations, Building Equipment and Home Appliances. Bolt, Beranek and Newman. USEPA Contract 68-04-0047.
- Federal Highway Administration (FHWA). 1995. Highway Traffic Noise Analysis and Abatement Policy and Guidance. Office of Environment and Planning, Noise and Air Quality Branch, Washington, D.C., June 1995.
- _____. 2000. Highway Noise Barrier Design Handbook. Available on the Internet: <http://www.fhwa.dot.gov/environment/noise/manual.htm>.
- _____. 2006, "Transit Noise and Vibration Impact Assessment", May 2006, FTA-VA-90-1003-06 Planning. Prepared by Harris Miller & Hanson, Inc. Burlington, MA. April.
- Kenai Drilling, Kenai Rig specifications and noise monitoring results, <http://www.kenaidrilling.com/>
- Los Angeles County 2009, Baldwin Hills EIR
- Smock & Schonhaler Industrial Insulation Sales Inc, <http://www.acoustic-material.com/HTML/tech-barrier.html>
- SoundSeal, Barricade Noise Control Products, www.soundseal.com.

4.6 Aesthetics and Visual Resources

- City of Whittier (1993) General Plan
- County of Los Angeles (1980) General Plan
- County of Los Angeles (2008) General Plan Draft
<http://planning.lacounty.gov/generalplan#anc-add-resources>

IDA, 2010, Visibility, Environmental, and Astronomical Issues Associated with Blue-Rich White Outdoor Lighting, May 4

LSA 2007, Puente Hills Landfill Native Habitat Preservation Authority Resource Management Plan, July 26

Marine Research Specialists. 2008. Venoco Paredon Project, Proposed Final Environmental Impact Report. March.

Poot, 2008 H., B. J. Ens, H. de Vries, M. A. H. Donners, M. R. Wernand, and J. M. Marquenie. Green light for nocturnally migrating birds. Ecology and Society 13(2): 47, 2008

4.7 Transportation and Circulation

AGA, 2007, Traffic Impact Study for the Proposed Whittier Area Community Church Expansion Project, May 2007

American Association of State Highway and Transportation Officials, 2001. A Policy on Geometric Design of Highways and Streets. Washington D.C. 905p

Institute of Transportation Engineers, 2008. Trip Generation, 8th Edition. Washington D.C. 3 Volumes

Metropolitan Transportation Authority - Countywide Planning, Programming, and Development, 2004. Congestion Management Program for Los Angeles County. Los Angeles. 189p

Transportation Research Board, 2000. Highway Capacity Manual. Washington D.C. 31Chapters

Los Angeles City, 1999. City of Los Angeles Transportation Element of the General Plan. Los Angeles, CA

Los Angeles County. January 1997. Traffic Impact Analysis Report Guidelines. Los Angeles County, Ca: Harry W. Stone, Director of Public Works

State of California Department of Transportation. December 2002. Guide for the Preparation of Traffic Impact Studies

City of Whittier. July 4, 2006. Traffic Impact Analysis Report Preparation Guidelines. Whittier, Ca: Joe C. Dyer, City Traffic Engineer

California Department of Transportation (Caltrans). 2010. www.dot.ca.gov.

City of Whittier 2010. City of Whittier Web Site. www.cityofwhittier.org.

Los Angeles County 2010. www.lacounty.gov.

4.8 Hydrology and Water Resources

California Department of Water Resources 1961. Bulletin No. 104, *Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles County*, Appendix A – Ground Water Geology.

California Department of Conservation, Division of Mines and Geology. 1998. Seismic Hazard Evaluation of the Whittier 7.5 Minute Quadrangle, Los Angeles and Orange Counties, California. http://gmw.consrv.ca.gov/shmp/download/evalrpt/whitt_eval.pdf.

California Division of Oil and Gas and Geothermal Resources (DOGGR). 2007. *Injection Wells*. http://www.consrv.ca.gov/DOG/general_information/class_injection_wells.htm.

California Regional Water Quality Control Board. 1994. *Water Quality Control Plan, Los Angeles Region, Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties*.

_____. 2008. The 303(d) List of Impaired Water Bodies and Los Angeles Region – 303(d) List of Water Quality Limited Segments. [http://www.waterboards.ca.gov/losangeles/water_issues/programs/303d/2008_integrated_report_303\(d\)_list.shtml](http://www.waterboards.ca.gov/losangeles/water_issues/programs/303d/2008_integrated_report_303(d)_list.shtml).

Federal Emergency Management Agency. FEMA Issued Flood Maps. 2011. http://map1.msc.fema.gov/idms/IntraView.cgi?ROT=0&O_X=9772&O_Y=5282&O_ZM=0.286963&O_SX=1284&O_SY=783&O_DPI=400&O_TH=4745108&O_EN=4849454&O_PG=1&O_MP=1&CT=0&DI=0&WD=14408&HT=10358&JX=1423&JY=843&MPT=0&MPS=1&ZOOM_FIT.x=1&ACT=0&KEY=4601728&ITEM=1.

Heathcote Geotechnical, Inc. 2011. *Soil Engineering and Engineering Geology Investigation for Whittier Main Oilfield Development Project, Consolidated Central Site, Located at Open Space Area, Whittier, CA*, prepared for Matrix Oil Corporation, January 13.

Los Angeles County Department of Public Works. 2007. Water Services. Groundwater Levels Website. <http://ladpw.org/services/water/index.cfm>.

_____. 2006. *Hydrology Manual*. Prepared by the Water Resources Division, January.

Produced Water Society. 2006. *Produced Water Facts*. http://www.producedwatersociety.com/page.php?page_name=produced_water_facts&PHPS_ESSID=ae92af0efb415bd997ac292cac436357.

U.S. Environmental Protection Agency (EPA). 2006. Underground Injection Control Program, Oil and Gas Injection Wells (Class II). <http://www.epa.gov/safewater/uic/classii.html>.

4.9 Cultural Resources and Archeology

Altschul, Jeffrey, John G. Douglas, Richard Ciolek-Torello, Sarah Van Galder, Benjamin R. Vargas, Kathleen L. Hull, Don R. Grenda, Jeffrey Homburg, Manuel Palacios-Fest, Steven Shelley, Angela Kelly, and David Maxwell. 2007. *Life at the Nexus of the Wetlands and*

Coastal Prairie, West Los Angeles. Proceedings of the Society for California Archaeology, Volume 20, 2007, pp. 34–42. Chico, California: Society for California Archaeology.

The Daily News. 1962. 1896 Discovery. Home Drilled First Well. October 10, 1962:np.

Division of Oil, Gas, and Geothermal Resources. 2009. Online Production and Injection Query for State of California, Department of Conservation, Division of Oil, Gas, and Geothermal Resources. <opi.consrv.ca.gov/opi/opi.dll> Website Accessed February 3, 2010.

Erlandson, Jon M., Torben C. Rick, and Rene L. Vanelloweth. 2008. A Canyon Through Time: Archaeology, History, and Ecology of the Tecolote Canyon Area, Santa Barbara County, California. Salt Lake City: University of Utah Press.

Franks, Kenny A. and Paul F. Lambert. 1985. Early California Oil. A Photographic History, 1865-1940. Texas A&M University Press.

Fulton, Terry, and Jay Michalsky. 2004. Department of Parks and Recreation Primary and Archeological Site Record. 19-003341.

Holman. W. H. 1943. Whittier Oil Field. In Jenkins, Olaf P. (ed.). Geologic Formations and Economic Development of the Oil and Gas Fields of California, Bulletin 118. Sacramento: Department of Natural Resources, Division of Mines.

Los Angeles County Library. 2009. La Puente Valley. <<http://www.colapublib.org/history/lapuente/faq.html#q1>> Website accessed January 12, 2009.

Los Angeles Times. 1897. Must Not Compete. May 17, 1897:8.

Los Angeles Times. 1901. Active Whittier. March 3, 1901:A11.

LSA Associates. 2007a. Resource Management Plan. Puente Hills Landfill Native Habit Preservation Authority. Submitted to Puente Hills Landfill Native Habit Preservation Authority. Whittier, California. Prepared by LSA Associates, Irvine and Point Richmond, California.

_____ 2007b. Final Initial Study/Mitigated Negative Declaration. Puente Hills Landfill Native Habit Preservation Authority. Resource Management Plan. Submitted to Puente Hills Landfill Native Habit Preservation Authority. Whittier, California. Prepared by LSA Associates, Irvine and Point Richmond, California.

Marine Research Specialists. 2010. Whittier Main Oil Field Development Project. Draft Environmental Impact Report. Prepared by Marine Research Specialists, Ventura, California.

Mason, Roger and Mark Peterson. 1994. Newport Coast Settlement Systems, Analysis and Discussion. Newport Coast Archaeological Project, vol. 1. Costa Mesa, California: The Keith Companies.

Rick, Torben C. and Jon M. Erlandson. 2000. Fishing Practices of Early Holocene Coastal California: Preliminary Evidence from Daisy Cave (Ca-SMi-261). Proceedings of the Society

for California Archaeology, Vol. 13, Judyth Reed, ed., pp. 194-201. Chico, California: Society for California Archaeology.

Rintoul, William. 1976. Spudding In: Recollections of Pioneer Days in the California Oil Fields. San Francisco. California Historical Society.

Scientific Resources Surveys Inc. 1989. Cultural Resources Survey Report on The Whittier Property. Prepared for: Environmental Perspectives, Santa Ana, California. Huntington Beach, California: Scientific Resources Surveys Inc.

White, Gerald Taylor. 1962. Formative Years in the Far West: A History of Standard Oil Company and Predecessors through 1919. New York: Appelton-Century-Crofts.

Whittier News. 1917. Earth Yields Many Millions In Oil. Whittier News Annual Edition, p56.

Yerkes, R. F. 1972. Geology and Oil Resources of the Western Puente Hills Area, Southern California. Geological Survey Professional Paper 420-C. Washington Department of the Interior, U.S. Geological Survey.

Whittier Historical Society. 1987. Old Whittier photograph. 1904 Souvenir Edition. Reproduced 1987. Whittier, CA.

4.10 Wastewater

California Department of Conservation, Division of Mines and Geology. 1998. Seismic Hazard Evaluation of the Whittier 7.5 Minute Quadrangle, Los Angeles and Orange Counties, California. http://gmw.consrv.ca.gov/shmp/download/evalrpt/whitt_eval.pdf.

California Department of Water Resources 1961. Bulletin No. 104, *Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles County*, Appendix A – Ground Water Geology.

County of Los Angeles, Department of Publics Works, 1987. Private Contract Sanitary Sewer Procedure Manual; revised December.

County of Los Angeles, Department of Public Works, 2009. Stormwater Best Management Practice Design and Maintenance Manual, May. .

Heathcote Geotechnical, Inc. 2011. *Soil Engineering and Engineering Geology Investigation for Whittier Main Oilfield Development Project, Consolidated Central Site, Located at Open Space Area, Whittier, CA*, prepared for Matrix Oil Corporation, January 13.

Los Angeles County Department of Public Works. 2007. Water Services. Groundwater Levels Website. <http://ladpw.org/services/water/index.cfm>.

Sanitation Districts of Los Angeles County (LACSD). 2010a. Fact Sheet. <http://www.lacsd.org/civica/filebank/blobload.asp?BlobID=2542>. Accessed on April 29, 2010.

- _____. 2010b. Los Coyotes Water Reclamation Plant.
http://www.lacsd.org/about/wastewater_facilities/joint_outfall_system_water_reclamation_plants/los_coyotes.asp. Accessed on April 29, 2010.
- _____. 2010c. Joint Water Pollution Control Plant.
http://www.lacsd.org/about/wastewater_facilities/jwpcp/default.asp. Accessed on April 29, 2010.
- _____. 2011. Whittier Main Oil Field Development Project. Letter dated May 19, 2011.
Manguin, Stephen R.
- Uniform Plumbing Code. 2009. <http://www.lib.berkeley.edu/ENVI/Codes.html>.

4.11 Land Use and Policy Consistency Analysis

- Puente Hills Landfill Native Habitat Preservation Authority. 2007. Resource Management Plan. Prepared by LSA Associates, Inc.; Adopted July 26, 2007.
- Los Angeles County. 1980. County General Plan. Los Angeles: Department of Regional Planning; Adopted 1980, last adopted revision 1992.
- Los Angeles County. 2007. Los Angeles County Code, Title 22, Planning and Zoning.
- City of Whittier General Plan (CWGC). 1993. Whittier General Plan.
- City of Whittier. Whittier Municipal Code, Title 18, Zoning.
- Los Angeles County Department of Regional Planning (LACDRP). 2010;
<http://planning.lacounty.gov/>. Accessed on March 25, 2010.

4.12 Fire Protection and Emergency Services

- API. 2005. Design, Construction, Operation, Inspection and Maintenance of Tank and Terminal Facilities, API Standard 2610.
- _____. 2005. Tank Inspection, Repair, Alteration, and Reconstruction, API Standard 653. California Code of Regulations. Title 1, Division 5.
- _____. 1995, API 2510 “Design and Construction of LPG Installations”
- CAL FIRE 2010, Fire hazard Severity Zone Maps, available at
http://www.fire.ca.gov/fire_prevention/fhsz_maps/fhsz_maps_losangeles.php
- California Code of Regulations, Title 8. See web references at <http://www.dir.ca.gov/Title8>
- CCPS, 2003a, “Guidelines for Fire Protection Protection in Chemical, Petrochemical and Hydrocarbon Processing Facilities”, pub # 6-83
- CCPS, 2003b, Guidelines for Facility Siting and Layout

Emrick [phone conversation]. February 18, 2011. County of Los Angeles Fire DEpartment Captain. With Greg Chittick.

IRI. 1993 to 1995. *Guidelines for Loss Prevention and Control*.

National Fire Protection Association. 2000. National Fire Codes, Edition 2000.

_____. 2003. Fire Protection Handbook, 19th edition.

_____. NFPA Codes including 11 (2005), 15 (2007), 22 (2008), 24 (2007), 25 (2008), and 30 (2008)

Los Angeles County Fire Department Website, <http://www.fire.lacounty.gov/>

LACoFD 2010, letter from County of los Angeles, NOP comments, July 20, 2010, to Mr. Jeffery Adams.

UFCA, 2000, “Uniform Fire Code”, Uniform Fire Code Association

4.13 Public Services and Utilities

City of Whittier (City). 2009. 2008 Annual Water Quality Report. May 20, 2009.

City of Whittier (City). 2010. Public Works Department. <http://www.cityofwhittier.org/>. Accessed on April 30, 2010.

Suburban Water Systems (SWS). 2010. About Our Water. <http://www.swwc.com/suburban/about-our-water>. Accessed on April 29, 2010.

Sanitation Districts of Los Angeles County (LACSD). 2010a. Fact Sheet. <http://www.lacsd.org/civica/filebank/blobload.asp?BlobID=2542>. Accessed on April 29, 2010.

_____. 2010b. Los Coyotes Water Reclamation Plant. http://www.lacsd.org/about/wastewater_facilities/joint_outfall_system_water_reclamation_plants/los_coyotes.asp. Accessed on April 29, 2010.

_____. 2010c. Joint Water Pollution Control Plant. http://www.lacsd.org/about/wastewater_facilities/jwpcp/default.asp. Accessed on April 29, 2010.

_____. 2010d. HHW/E-Waste. http://www.lacsd.org/info/hhw_e_waste/default.asp. Accessed on May 3, 2010.

_____. 2010e. Puente Hills Landfill. http://www.lacsd.org/about/solid_waste_facilities/puente_hills/default.asp. Accessed on May 3, 2010.

_____. 2009. Sewer System Management Plan (SSMP). May 2, 2009. <http://www.lacsd.org/civica/filebank/blobload.asp?BlobID=4421>. Accessed on May 5, 2010.

California Department of Resources Recycling and Recovery (CalRecycle). 2010. Solid Waste Information System (SWIS). <http://www.ciwmb.ca.gov/swis> Accessed on May 3, 2010.

Santa Barbara County Air Pollution Control District (SBCAPCD). June 12, 2009a. ExxonMobil – SYU Project Platform Heritage, Permit To Operate 9102 – R4 and Part 70 Operating Permit 9102.

____ 2009b. ExxonMobil – SYU Project Platform Hondo, Permit To Operate 9100 – R4 and Part 70 Operating Permit 9100.

Consolidated Disposal Service (CDS). 2010. <http://www.consolidateddisposalservice.com>. Accessed on May 3, 2010.

Waste Management (WM). 2010. Recycling Facilities. <http://www.thinkgreen.com/recycle-where?state=CA>. Accessed on May 3, 2010.

Environmental Protection Agency (EPA). 2004. Understanding the Safe Drinking Water Act. http://www.epa.gov/safewater/sdwa/pdfs/fs_30ann_sdwa_web.pdf. Accessed on May 4, 2010.

City of Whittier. 1993. City of Whittier General Plan . Whittier CA: Prepared by David Evans and Associates, Inc., JHA Environmental Consultants, Austin Foust Associates, and SNR Company; 1993.

City of Whittier. 2010. City of Whittier Municipal Code. Whittier CA: Matthew Bender & Company, Inc. http://library2.municode.com/default-now/home.htm?infobase=16695&doc_action=whatsnew. Accessed on May 4, 2010.

Puente Hills Landfill Native Habitat Preservation Authority (PHLNHPA). 2007. Resource Management Plan. Adopted July 26, 2007. Prepared by LSA Associates, Inc; 2007.

4.14 Recreation

City of Whittier. 1993. City of Whittier General Plan . Whittier CA: Prepared by David Evans and Associates, Inc., JHA Environmental Consultants, Austin Foust Associates, and SNR Company; 1993.

Martino, D., T. Longcore, and J. Wolch. 2006. Park Visitor User Survey for the Puente Hills Landfill Native Habitat Preservation Authority. University of Southern California, Center for Sustainable Cities, Los Angeles, California.

Puente Hills Landfill Native Habitat Preservation Authority (PHLNHPA). 2010. Arroyo Pescadero Trailhead. <http://www.habitatauthority.org>. Accessed on April 23, 2010.

Los Angeles County Regional Park & Open Space District (LACRPOSD). Available from <http://openspacedistrict.lacounty.info/>. Accessed on May 12, 2011.

4.15 Energy and Mineral Resources

California Air Resources Board (CARB). 2008. Climate Change Draft Scoping Plan.

California Energy Commission (CEC). 2000. Weekly California Refinery Production and Stocks Level.

California Energy Commission (CEC). 2009a. Integrated Energy Policy Report, Final Committee Report.

_____. 2009b. Web site information, <http://www.energy.ca.gov>

California Public Utilities Commission. 2009. Energy Action Plan.

Division of Oil, Gas and Geothermal Resources (DOGGR). 2007. Oil and Gas Facts for 2007. Available on the Internet: <http://www.consrv.ca.gov/dog/statistics.htm>.

SCE 2009, Letter to Matrix from SCE, Aaron Pearson Service Planner, 3/13/2009

United State Geological Survey (USGS). 2004. State Minerals Statistics and Information: California. Available on the Internet: <http://minerals.usgs.gov/minerals/pubs/state/2004/castmyb04.pdf>. Accessed in May 2006.

4.16 Environmental Justice

US Census Bureau (USCB). 2010a. Census 2000 Summary File 1 (SF1). 100-Percent Data. Published on the Internet: <http://factfinder.census.gov>. Accessed April 16, 2010.

_____. 2010b. Census 2000 Summary File 3 (SF3). Sample Data. Published on the Internet: <http://factfinder.census.gov>. Accessed April 16, 2010.

Clinton WJ. 1994 Feb 11. Federal Actions To Address Environmental Justice in Minority Populations and Low-Income Populations [Internet]. Executive Order 12898. Available from <http://www.epa.gov/history/topics/justice/02.htm>

Table of Contents

J	References.....	1
3.0	Cumulative Projects.....	1
4.1	Air Quality.....	2
4.2	Biological Resources.....	5
4.3	Risk of Upset, Hazards, and Hazardous Materials.....	9
4.4	Geological Resources.....	11
4.5	Noise and Vibration.....	14
4.6	Aesthetics and Visual Resources.....	15
4.7	Transportation and Circulation.....	16
4.8	Hydrology and Water Resources.....	17
4.9	Cultural Resources and Archeology.....	17
4.10	Wastewater.....	19
4.11	Land Use and Policy Consistency Analysis.....	20
4.12	Fire Protection and Emergency Services.....	20
4.13	Public Services and Utilities.....	21
4.14	Recreation.....	22
4.15	Energy and Mineral Resources.....	22
4.16	Environmental Justice.....	23

